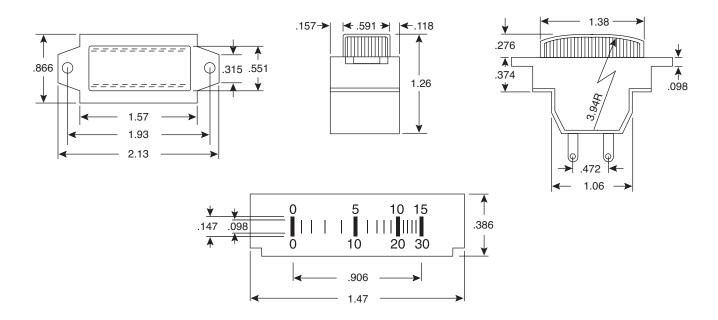


## **DC Miniature Panel Meter**



## **■ CHARACTERISTICS**

SPECIFICATIONS	
Sensitivity:	500μA (±15%) (Full Scale)
Internal resistance:	650 Ω ±15%
Insulation resistance:	50MΩ (100VDC @ 68°F, 70% relative humidity)
Damping:	Pointer reaches final position within one second

ELECTRICAL SPECIFICATIONS		
Zero Position:	Tolerance +/- 1 mm	
Balance:	Incline meter 90° from usage position the pointer (zero Position) tolerance within +/- 1 mm	
full scale Pointer Stick:	3 times full scale current in slowly decrease current to 1/2 of full scale, the pointer get back within 1/3 full scale and then the pointer will get back to 1/2 full scale gradually	
Friction:	Increase current to "a set point", the pointer tolerance within +/- 1 mm (assume the current at the set point is correct)	
Response Time:	Maximum current in takes less than 1 second to reach 70% scale	

TEST CONDITION		
Overload Test: (Max. current/limit)	10 times full scale current in every 5 seconds, repeat 9 times (each time 0.5 second), item No. 7-14 satisfied	
Vibration Test:	1000/min. full range vibration 4mm X, Y, Z 3 direction, keep 30 minutes	
Shock Test:	Final packaging, freefall from 30cm height, X, Y, Z 3 directions each	
Reliability Test:	100,000 times continuos current, current deviation +/- 10%	
Environment Test:	50°C, 85% humidity, 100 hours, meter satisfy with spec	
Terminal Strength Test:	Terminal can resist 1 Kg pulling, any scale for 60 seconds	

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